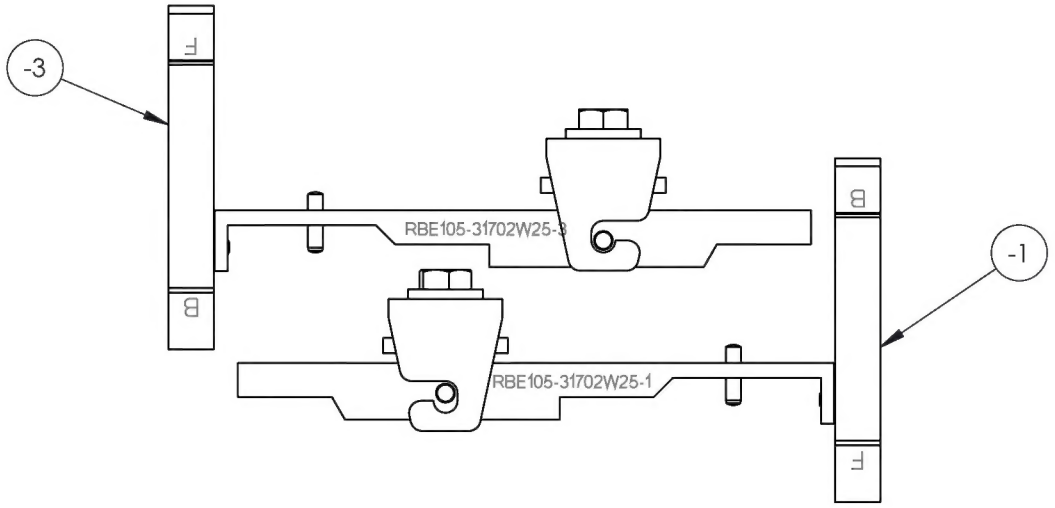
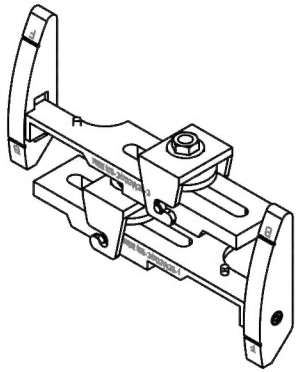
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	9/1/2016	RJC	JAG





NOTE:
REF. AIRBUS T/N 105-31702W25.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	BASE ASSEMBLY #1			2
X			-3	1	BASE ASSEMBLY #2			3
	1		-5	1	BASE #1	6061		4
1			-7		BASE #2	6061		5
1	1		-9		BRACKET	A36/1018/1020 HR		6
1	1		-11		NUT	4140/4142		7
	1		-13		GAUGE #1	6061		8
1			-15		GAUGE #2	6061		9
1	1	B/O	-17		DOWEL PIN	STEEL	ØM4 X 16mm (MCMASTER-CARR #91595A161)	2, 3
2	2	B/O	-19		DOWEL PIN	STEEL	ØM5 X 12mm (MCMASTER-CARR #91595A344)	2, 3
1	1	B/O	-21		SOCKET HEAD CAP SCREW	STEEL	M4 X .7 X 12mm (MCMASTER-CARR #90128A214)	2, 3
		B/O	-23	1	PISTOL CASE	PLASTIC	RSR GROUP #10137	N/S
ASSY -3	ASSY -1							

DART AEROSPACE

TITLE: PRESSING TOOL

DWG NO. RBE105-31702W25 REV 1

MAT'L
HEAT TREAT
FINISH
SPEC

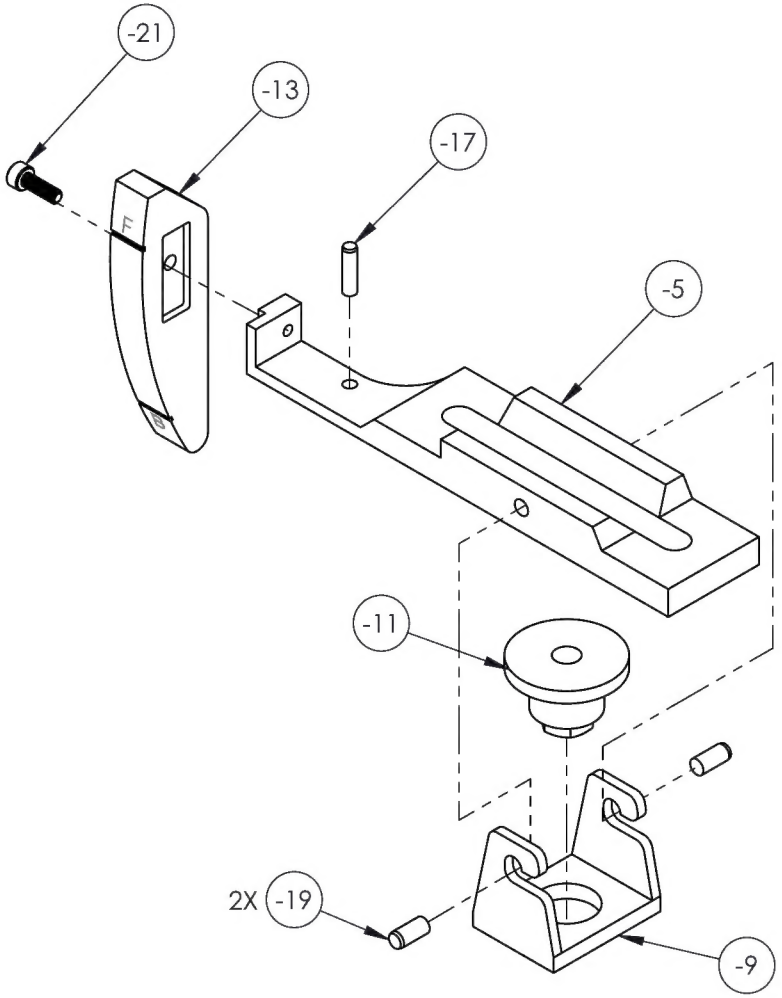
DRAWN BY: CLOUGH
CHECKED: DUERFELDT
OPPS APPR: ANDERSON
QA APPR: LINDSAY
APPROVED: GILBERT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL: EC145

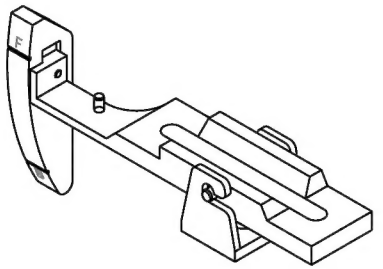
SCALE 1:2 DATE 8/22/2016 SHEET 1 OF 9

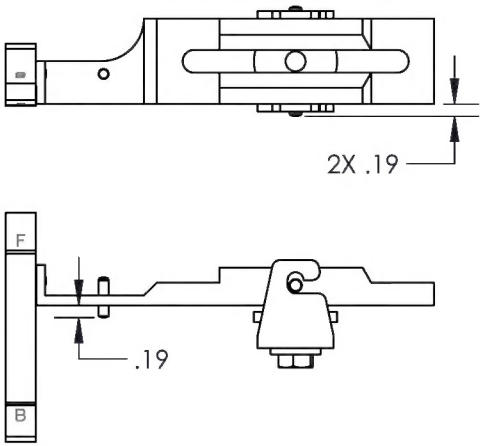
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



(-1)

BASE ASSEMBLY #1





DART AEROSPACE

TITLE: PRESSING TOOL

DWG NO.: RBE105-31702W25-1 REV: 1

MAT'L	
HEAT TREAT	
FINISH	
SPEC	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT

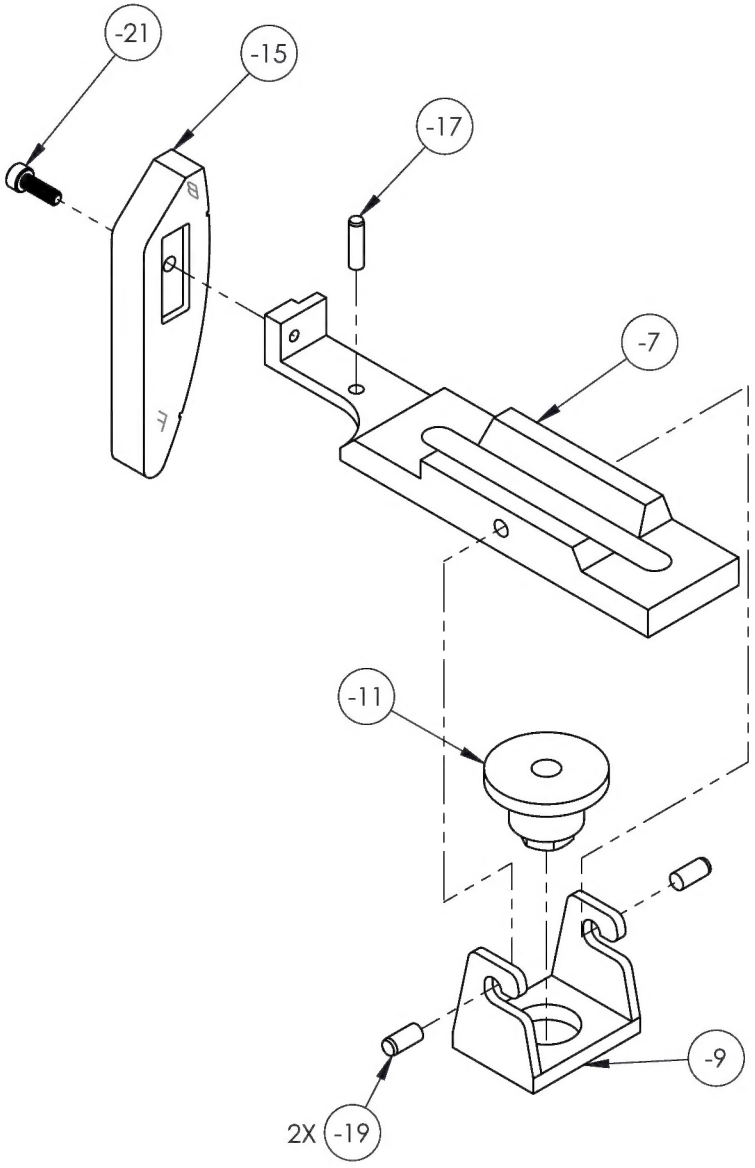
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL: EC145

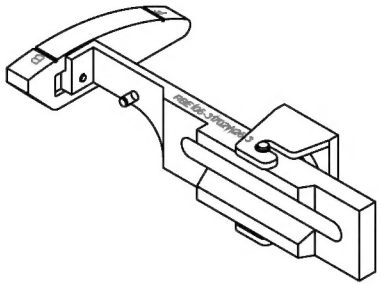
SCALE: 1:3 DATE: 8/22/2016 SHEET 2 OF 9

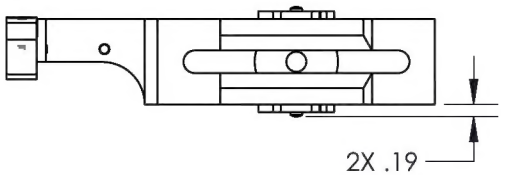
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED

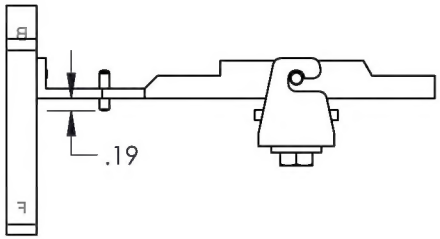


-3

BASE ASSEMBLY #2







DART AEROSPACE

TITLE: PRESSING TOOL

DWG NO.: RBE105-31702W25-3 REV: 1

MAT'L	
HEAT TREAT	
FINISH	
SPEC	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT

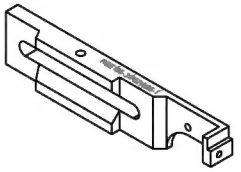
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125

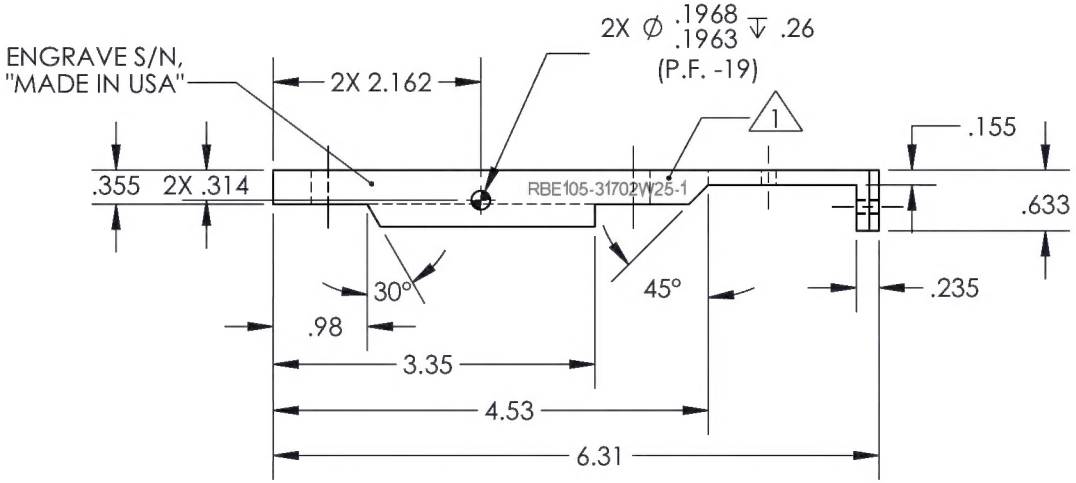
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

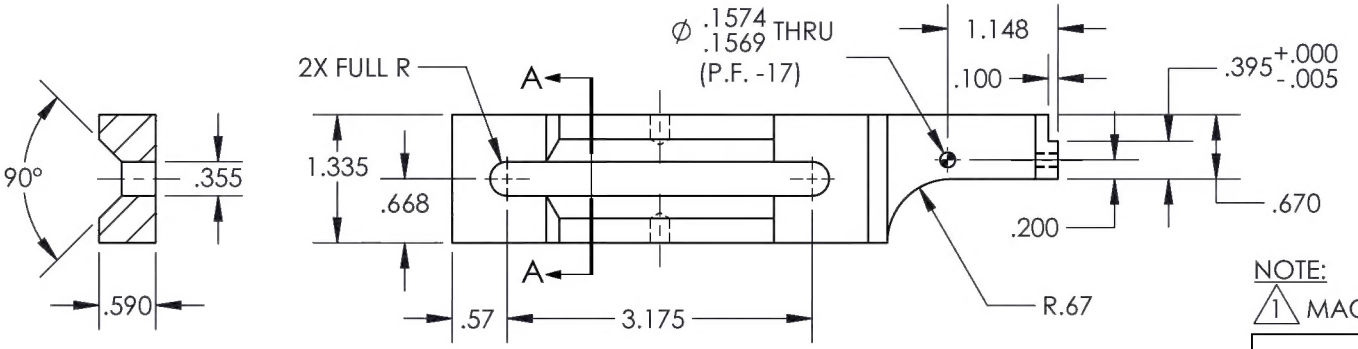
USED ON MODEL: EC145

SCALE: 1:2 DATE: 8/22/2016

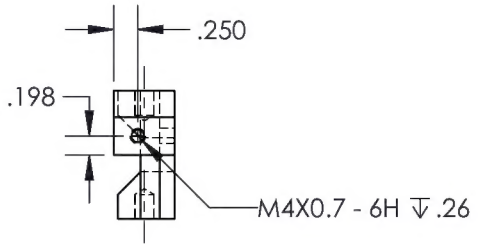
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED







SECTION A-A



NOTE:

1. MACHINE ENGRAVE FILL IN WITH BLACK INK.

-5

BASE #1

DART AEROSPACE

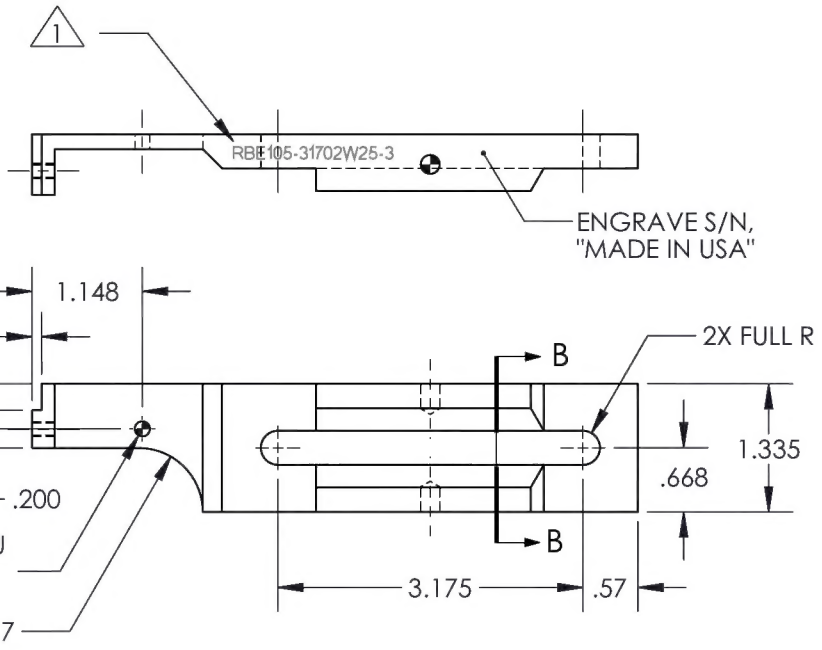
TITLE	PRESSING TOOL
DWG NO.	RBE105-31702W25-5
REV	1
MAT'L	6061
HEAT TREAT	
FINISH	CLEAR ANODIZE
SPEC	MIL-A-8625F, TYPE II, CLASS I
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:2
DATE	8/17/2016
SHEET	4 OF 9

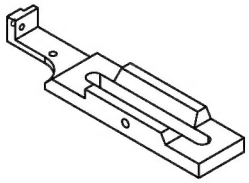
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125

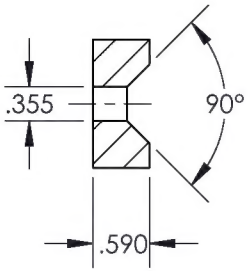
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL
EC145

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED







SECTION B-B

NOTE:

1. MACHINE ENGRAVE FILL IN WITH BLACK INK.

DART AEROSPACE

TITLE: PRESSING TOOL

DWG NO. RBE105-31702W25-7 REV 1

MAT'L	6061
HEAT TREAT	
FINISH	CLEAR ANODIZE
SPEC	MIL-A-8625F, TYPE II, CLASS I
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

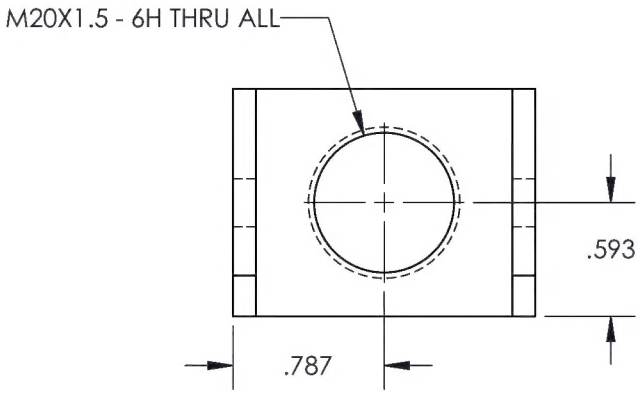
USED ON MODEL: EC145

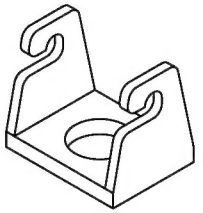
SCALE 1:2 | DATE 8/17/2016 | SHEET 5 OF 9

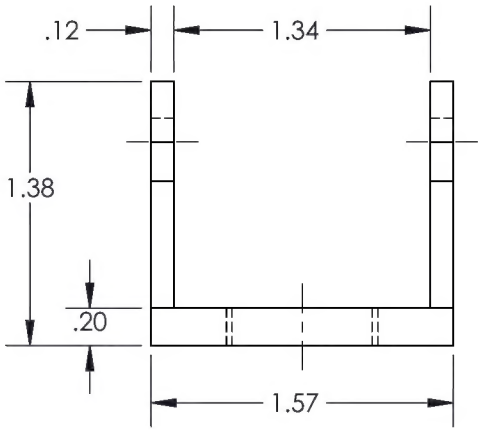
-7

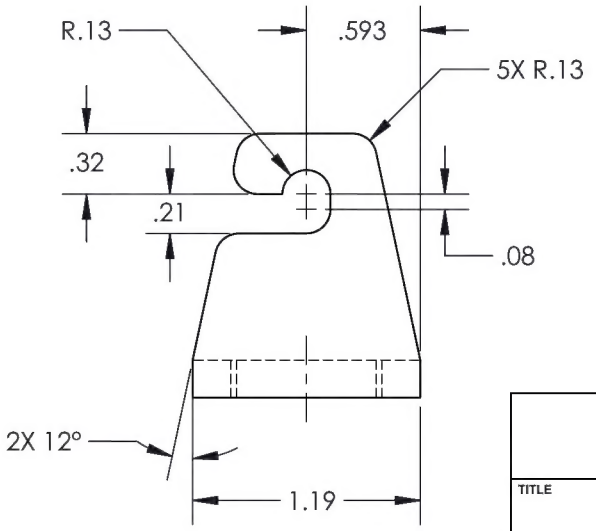
BASE #2

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED









-9

BRACKET

DART AEROSPACE

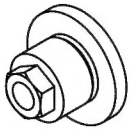
TITLE	PRESSING TOOL
DWG NO.	RBE105-31702W25-9
REV	1
MAT'L	A36/1018/1020 HR
HEAT TREAT	
FINISH	ZINC PLATE
SPEC	ASTM B633 TYPE I SC 2
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:1
DATE	8/17/2016
SHEET	6 OF 9

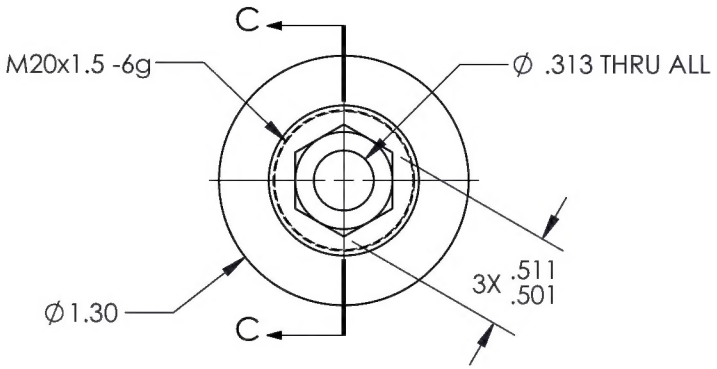
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125

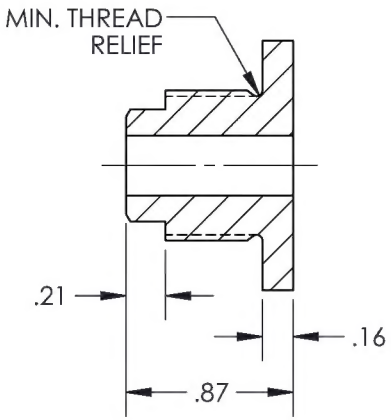
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL
EC145

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED







SECTION C-C

-11

NUT

DART AEROSPACE

TITLE: PRESSING TOOL

DWG NO. RBE105-31702W25-11 REV 1

MAT'L	4140/4142
HEAT TREAT	R 28-32
FINISH	ZINC PLATE
SPEC	ASTM B633 TYPE I SC 2
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT

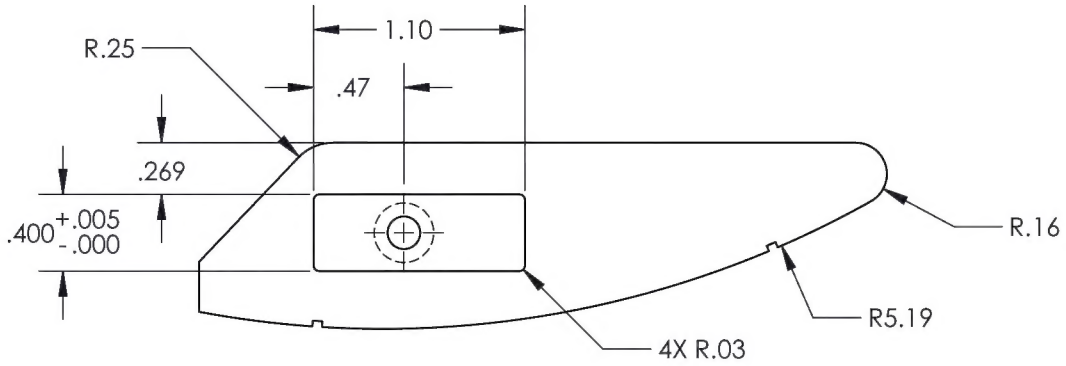
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125

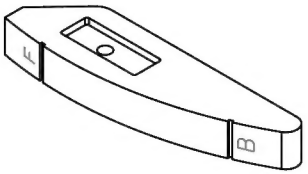
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

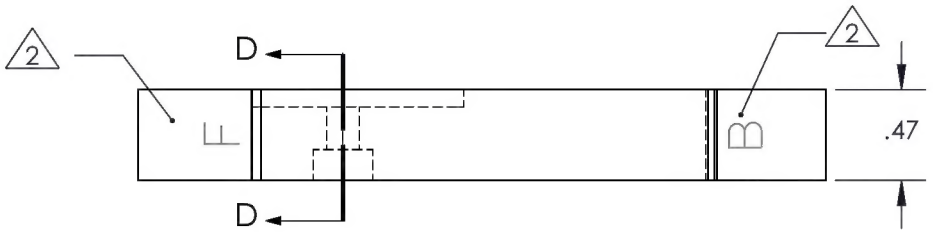
USED ON MODEL: EC145

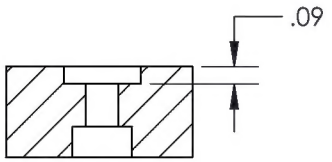
SCALE 1:1 DATE 8/17/2016

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED

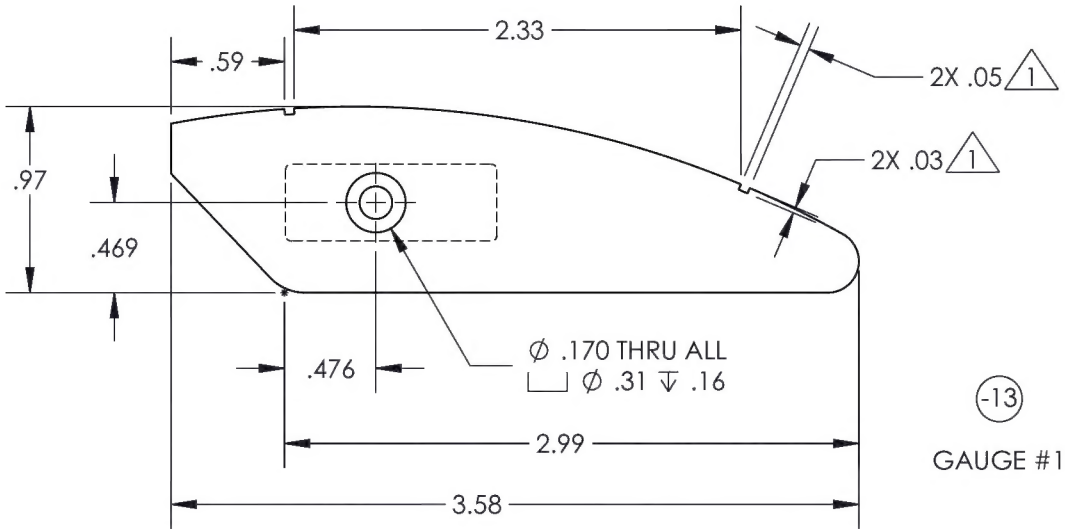








SECTION D-D



-13

GAUGE #1

NOTES:

1. FILL WITH BLACK INK.
2. MACHINE ENGRAVE AND FILL WITH BLACK INK.

DART AEROSPACE

TITLE: PRESSING TOOL

DWG NO. RBE105-31702W25-13 REV 1

MAT'L	6061
HEAT TREAT	
FINISH	CLEAR ANODIZE
SPEC	MIL-A-8625F, TYPE II, CLASS I
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT

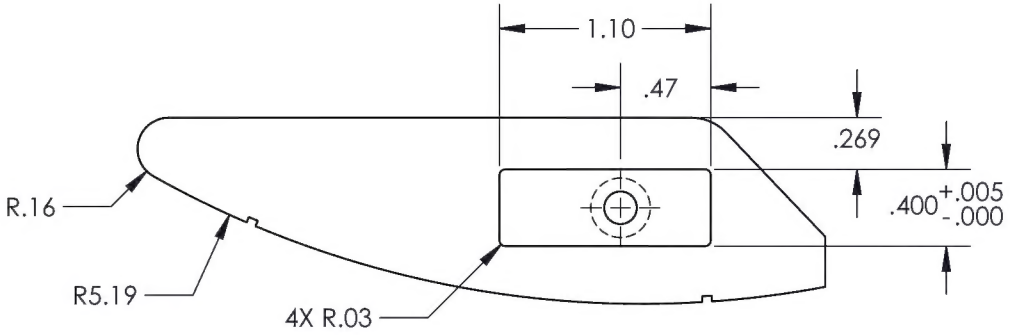
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125

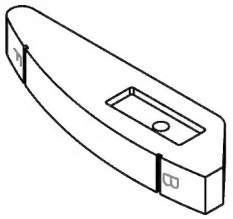
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

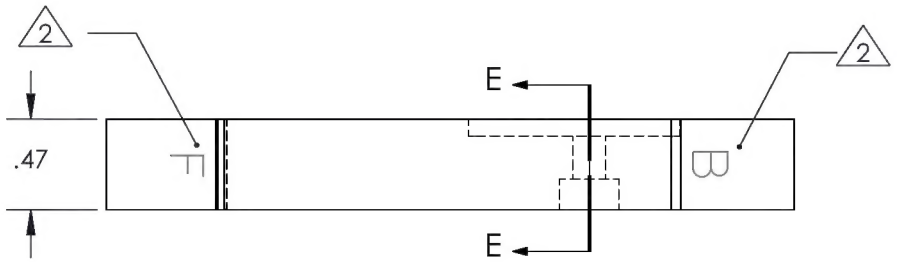
USED ON MODEL: EC145

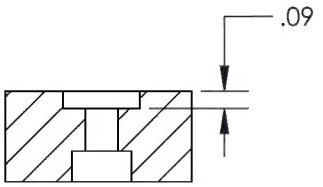
SCALE 1:1 | DATE 8/17/2016 | SHEET 8 OF 9

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED

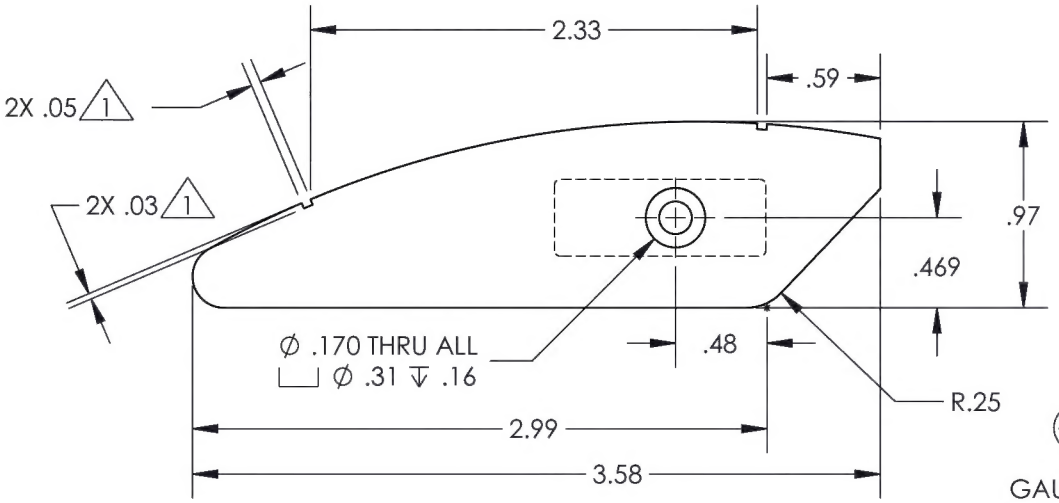








SECTION E-E



(-15)

GAUGE #2

NOTES:

1. FILL WITH BLACK INK.
2. MACHINE ENGRAVE AND FILL WITH BLACK INK.

DART AEROSPACE

TITLE: PRESSING TOOL

DWG NO. RBE105-31702W25-15 REV 1

MAT'L	6061
HEAT TREAT	
FINISH	CLEAR ANODIZE
SPEC	MIL-A-8625F, TYPE II, CLASS I
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL: EC145

SCALE 1:1 | DATE 8/17/2016 | SHEET 9 OF 9